

## ADDENDUM # 1

CITY OF TORRANCE  
3031 Torrance Blvd.  
Torrance, CA 90503

BID NO. B2013-33

### Bid for Replacement of HVAC Units at Various Locations

#### ADDENDUM # 1- Issued 8-15-13

THE FOLLOWING CHANGES ARE HEREBY INCORPORATED INTO AND MADE A MANDATORY PART OF SUBJECT BID:

The bid opening remains **Thursday, August 22, 2013 by 2:00 PM** in the City Clerk's office.

ATTACHED: Sheet M-2 showing the correct efficiency rating of equipment.

ATTACHED: Clarification of attachment of beauty screen to building. (1 pg.)

CLARIFY: Replace line sets at F\S #1 for forced air furnace replacement.

CLARIFY: Install pitch pockets at all roof penetrations for beauty screens.

CLARIFY: Contractor will be responsible for installation of the beauty screens as indicated on the plans.

CLARIFY: Replace all disconnect switches.

CLARIFY: Bidder will provide on Carrier products/equipment one (1) year parts and five (5) years compressor parts warranties. Convenient outlets will be provided on the larger package units HB series only and not on VL series. All other warranties remain unchanged. Per the contract documents, contractor to provide 1 year labor and material workmanship warranty from Date of Acceptance by the City.

DELETE: Section 15900, See Sheet # M-2, electrical and control systems- note # 3 regarding thermostat manufacturer and the Boiler can be controlled by a time clock and with a LAARS controller and sensors.

DELETE: Section 01100 item 1.08 B 1, Concurrent work-not applicable.

DELETE: Section 15010 item 1.21, air balance testing is not required.

DELETE: Section 15405 Soil and Draining Piping System does not apply to this project.

DELETE: Section 15623 item 2.04 C, not applicable.

CLARIFY: In section 15999, delete any reference to air balance but any reference to water balancing still required.

ADD: Scope of work for Air Compressor removal at the Plunge.

1. Remove air compressor and air dryer from equipment room.
2. Remove electrical panel feeding air compressor and remove associated conduits.
3. Remove 2 pneumatic panels, 1 on south wall and 1 on north wall and reconnect any electrical wiring in panels.
4. Install 1 seven day mechanical time clock to control air handler, exhaust fan, and domestic water heater.
5. Run Thermostat wire and install Venstar T-stat behind reception area to control boiler.

**The following are questions raised during the bidding period. The answers are in bold.**

1. In terms of construction/working hours, what will be acceptable by the City? Can work be performed during City personnel working hours? **Yes, Monday through Friday, standard working hours.**

2. Mechanical drawing sheet M-1 indicates various upgrade to electrical services, please provide electrical drawings indicating complete design of new/upgraded services. **We are not asking for complete upgrade of electrical system for the replacement units, only to replace the existing disconnect switches based on the installed units' MOCP, therefore no complete electrical system design is warranted.**
3. Specification section 15761, 2.03 indicates direct expansion coils with R-22 which is against Code. Is this a typo? **This section refers to an existing split system that we are replacing the fan coil unit only, leaving the condensing unit intact. Therefore, short of replacing a functional condensing unit which works with R22 refrigerant. Contractor shall contain the refrigerant during the construction and recharge the unit when connection is made between the new fan coil unit and the existing condenser.**
4. Another question regarding the duct smoke detectors, per Code any equip having air quantity of 2000cFM or more requires smoke detectors. Bid documents do not show any replacement. Will existing smoke detectors to remain as is? **Yes, it is assumed that existing smoke detectors are functioning properly. To avoid cost overrun with extras, bidders should be asked to provide unit cost for replacing each detector with their bids. See revised bid proposal form with new bid alternate for cost of smoke detector replacement.**
5. One more thing, it states about having the air balanced for the a/c units but the plans show nothing to balance to. Is the air balance required? **Air balance section pertains to the HVAC and Air Handling units' test and adjustment to provide the scheduled air quantity and temperature. No existing air distribution systems need air balance.**
6. Is the roofing under warranty? If so, is there a certain company we need to go through? **Yes, to maintain roof warranties, bidder must use a GAF certified roofing subcontractor. To assist you in finding a certified roofing subcontractor, please use the link <http://www.gaf.com/Roofing/Commercial/Contractors/Search>**
7. Are there any specs as far as the expansion of a platform goes, if necessary? **No there is no Specification, most HVAC replacement units are down discharge with exception of few side discharge that are very close in size to the existing units, therefore no expansion will be required.**
8. 15840-5 section 3.07 states leakage test of installed system, is leakage test required?  
**A leakage test of the duct system is not necessary.**
9. Will we need a permit from FAA for the crane lift at General Aviation? **Yes, bidder will responsible for obtaining the permit, per the FAA there is no fee file for the permit. To e-file for the permit please use the FAA website <https://oeaaa.faa.gov/oeaaa/external/portal.jsp> Please note, the General Aviation Center is on the airport. The permit review and approval takes approximately 30-45 days**

**Please return this addendum with your bid proposal.**

**I hereby acknowledge receipt of this addendum.**

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Name of Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
City State Zip Code